SECTION-A

(Multiple Choice Questions (MCQ's)

Q.1 Select the correct answers.

(i) CPU stands for
(a) Controlloing power Unit (b) Central processing unit
(c) Central processor Unit (d) None of them

(ii) RAM is __________ memory.
(a) Permanent (b) Volatile (c) Non- Volatile (d) None of them

(iii) Which number system is ideal for the internal working of computer?
(a) Binary (b) Octal (c) Decimal (d) Hexadecimal

(iv) Bus is a set of ________ that is used as communication path.
(a) Processor (b) Registers (c) Wires (d) Memory

(v) A serial port has:
(a) 9 or 20 pins (b) 9 or 25 pins (c) 9 or 30 pins (d) 9 or 35 pins

(vi) Laser printer and inkjet printer are example:
(a) Impact printer (b) Line printer (c) Drum printer (d) None of them

(vii) The command that clears the screen is:
(a) CLEAR (b) CLR (c) CLS (d) CLEAN

(viii) The base of hexadecimal number system is:
(a) 2 (b) 8 (c) 10 (d) 16

(ix) Each byte is te combination of _______ small unit called bits.
(a) Sixteen (b) Ten (c) Eighteen (d) Eight

(x) The processed form of data is known as:
(a) String (b) Information (c) Graphics (d) Binary

(xi) _______ is an input device to read images as input.
(a) Keyboard (b) Mouse (c) Track ball (d) Scanner

(xii) The softwear that removes viruses form disk are known as
(a) Virus killer (b) Remover (c) Anti Virus (d) Destroyer

(xiii) The data, which consists of whole numbers is known as:
(a) Real (b) Integer (c) String (d) Fixed point

(xiv) The equivalent of decimal number 10 in binary is:
(a) 10 (b) 1010 (c) 1011 (d) 1100

(xv) ___ is a stronge deive that stores data serially:
(a) Magnetic Tape (b) Compact Disk (c) Hard Disk (d) Flopy Disk

SECTION-B (Short Answers)

Note: Answer any NINE of the following questions .

Q.2 Define to torma Hardware and software.

Q.3 Define ALU and CU

Q.4 What is the major difference between Mouse and Trackball?

Q.5 Convert the following Decimal sumbers into Binary.
(i) 5138 (ii) 814

Q.6 Convert the following Decimal numbers into equlavalent Octal numbers.
(i) 750 (ii) 2580

Q.7 Define any TWO of the following DOS commands.
(i) DIR (ii) MD (iii) Diskcopy

Q.8 Differentiate between Data and Infromation.

Q.9 Why we need to tranlate a source code into machine code?

Q.10 Define any TWO terms of the following Boolean Algebra.
(i) Complement (ii) Variabies (iii) Boolean Constants

Q.11 What is an operating system?

Q.12 Define the term Bus. What is the purpose of Data Bus?

Q.13 State and prove Demorgan's Thooreme.

SECTION-C (Descriptive)

Note: Answer any THREE of the following questions in detail.

Q.14 Define different types of Scannors.

Q.15 Compareand contrant Digital and Analog Computors.

Q.16 Define the various types of Data.

Q.17 Define ports. Compare and contract serial port and Parallel port.

Q.18 Explain any TWO of the following (i) Task Bar (ii) Icon (iii) My computer